

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058819.D
 Acq On : 23 Aug 2023 12:51
 Operator : MA/JU
 Sample : 04047-01DL2 500X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB05-Z26-27DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 13:25:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	25046	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	113443	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	88160	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	215362	20.000	ng	0.00
76) Chrysene-d12	21.450	240	194303	20.000	ng	0.00
86) Perylene-d12	24.523	264	244587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
31) Naphthalene	10.657	128	239062	40.135	ng	99
37) 2-Methylnaphthalene	12.273	142	69377	16.217	ng	97
38) 1-Methylnaphthalene	12.496	142	41110m	10.123	ng	
52) Acenaphthene	14.517	154	32795	7.150	ng	96
58) Fluorene	15.504	166	18581	2.951	ng	99
71) Phenanthrene	17.243	178	95395	9.227	ng	99
72) Anthracene	17.337	178	25050	2.416	ng	98
75) Fluoranthene	19.264	202	39103	3.050	ng	95
78) Pyrene	19.623	202	54257	4.008	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

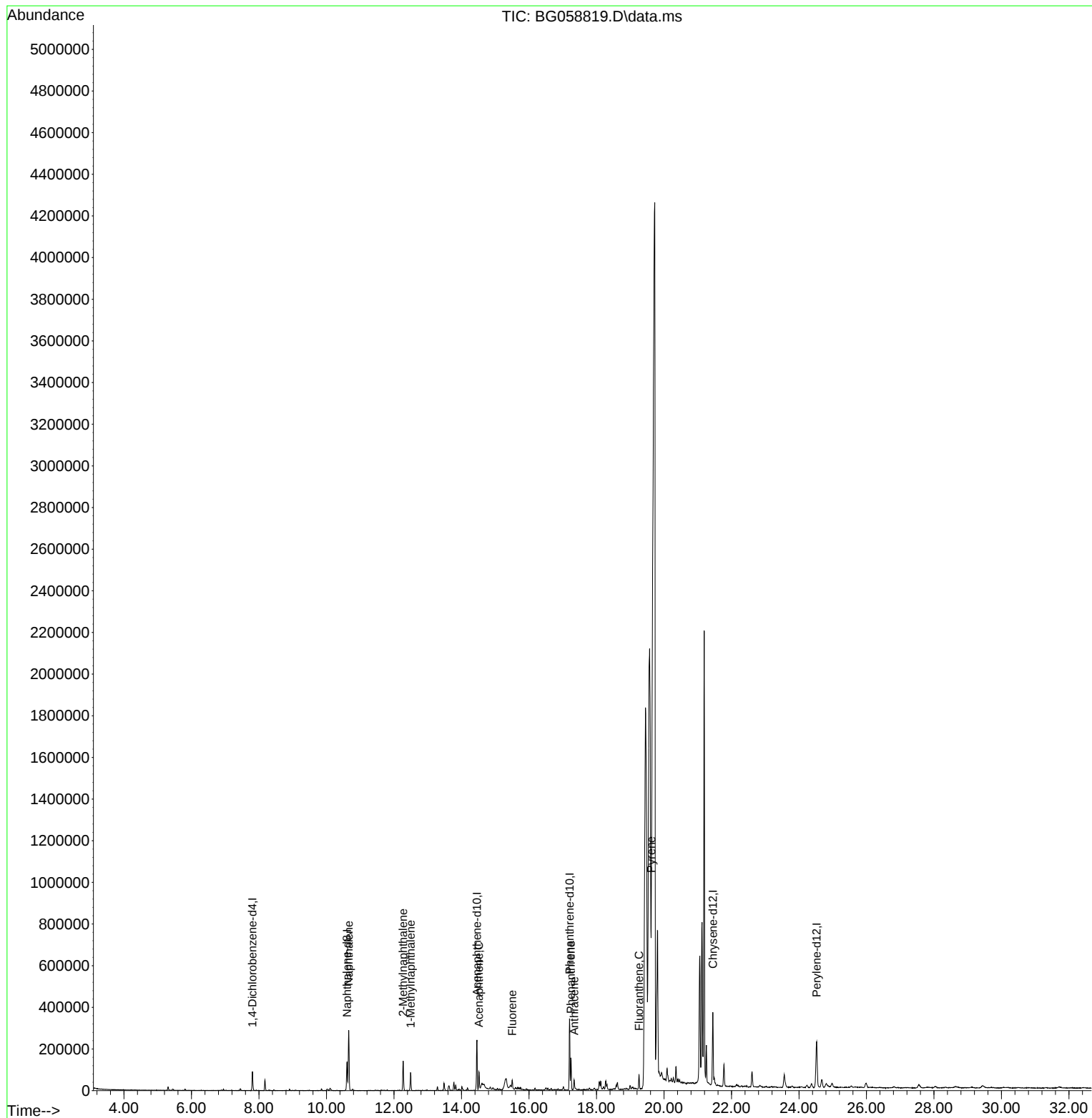
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058819.D
Acq On : 23 Aug 2023 12:51
Operator : MA/JU
Sample : 04047-01DL2 500X
Misc :
ALS Vial : 5 Sample Multiplier: 1

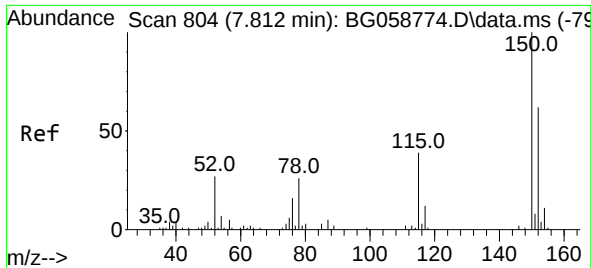
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2

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Supervised By :mohammad ahmed 08/24/2023

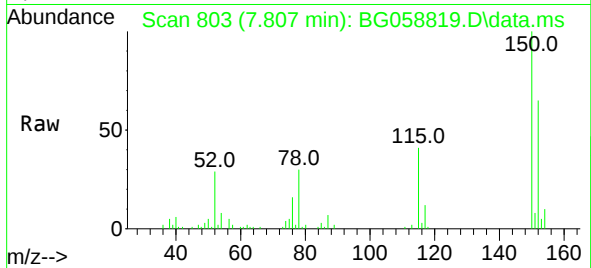
Quant Time: Aug 23 13:25:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.807 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BG058819.D
 Acq: 23 Aug 2023 12:51

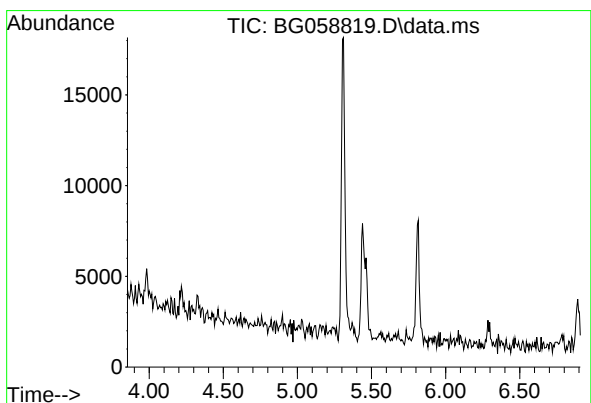
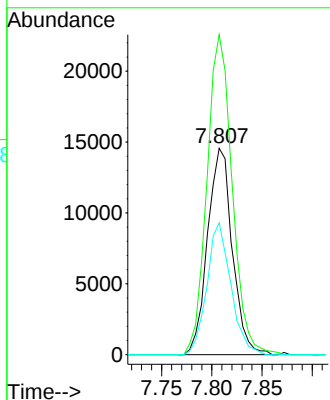
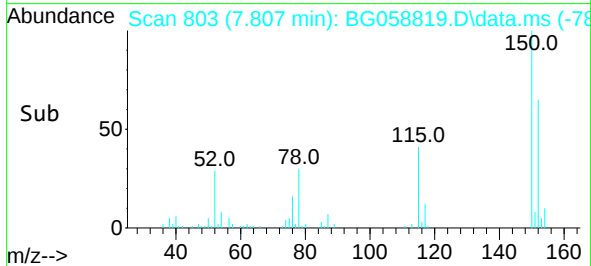
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB05-Z26-27DL2



Tgt Ion:152 Resp: 25040
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.6 192.8
 115 63.9 50.4 75.6

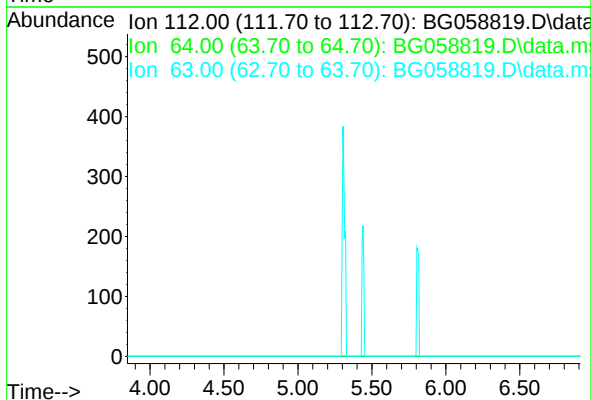
Manual Integrations
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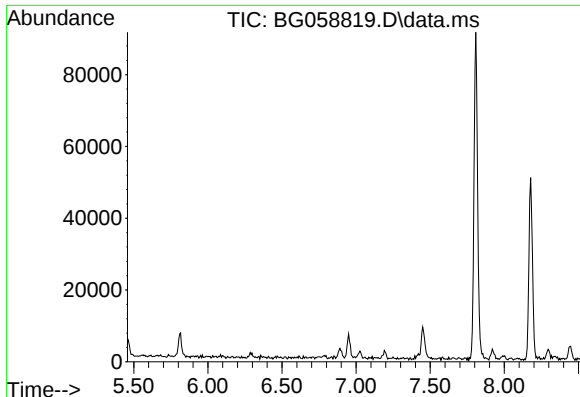
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.38 min
 Lab File: BG058819.D
 Acq: 23 Aug 2023 12:51

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 75.7
 63 38.7





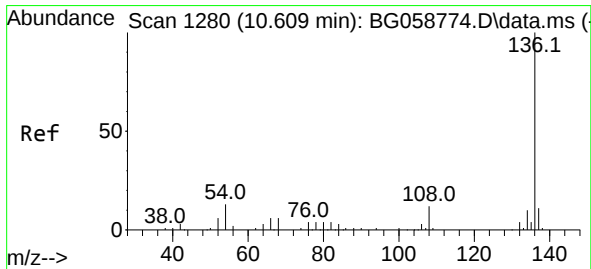
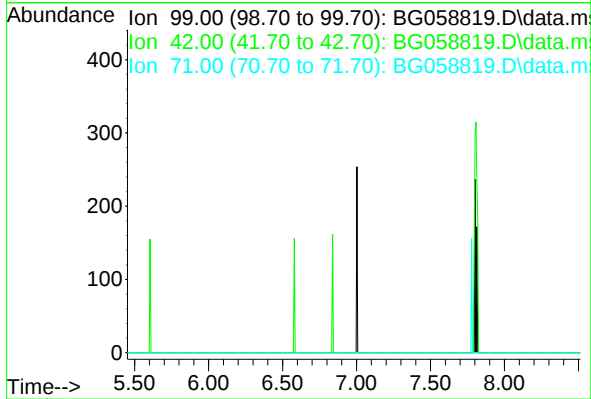
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.98 min
 Lab File: BG058819.D
 Acq: 23 Aug 2023 12:51

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB05-Z26-27DL2

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 20.6
 71 35.5

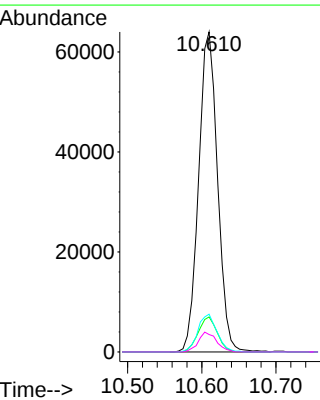
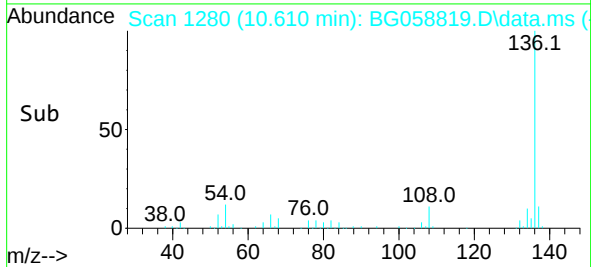
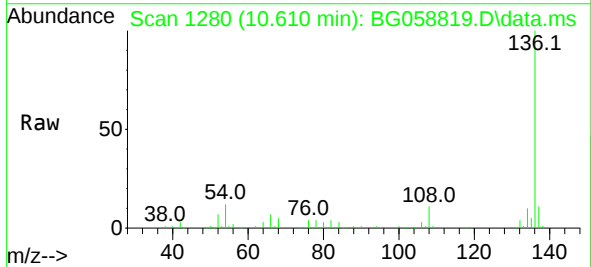
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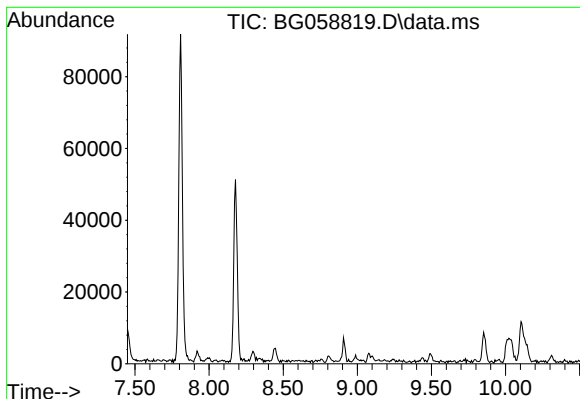
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.610 min Scan# 1280
 Delta R.T. 0.001 min
 Lab File: BG058819.D
 Acq: 23 Aug 2023 12:51

Tgt Ion:136 Resp: 113443
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.7 13.1
 54 11.8 10.1 15.1
 68 5.4 5.2 7.8





#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.98 min

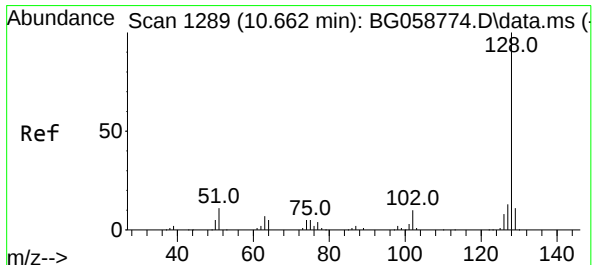
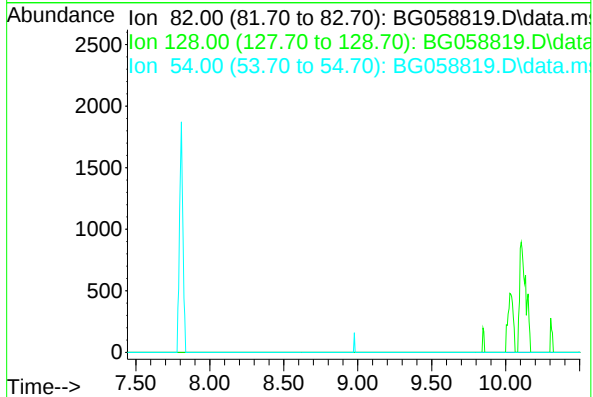
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2

Tgt Ion: 82
Sig Exp Ratio
82 100
128 41.5
54 64.0

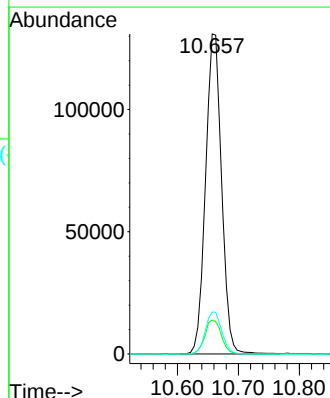
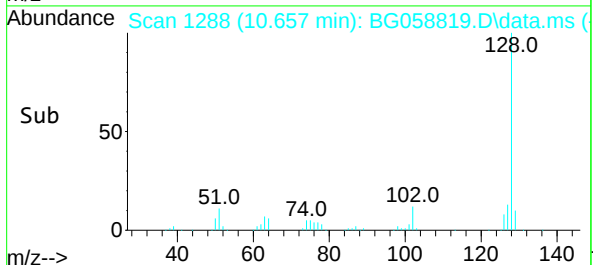
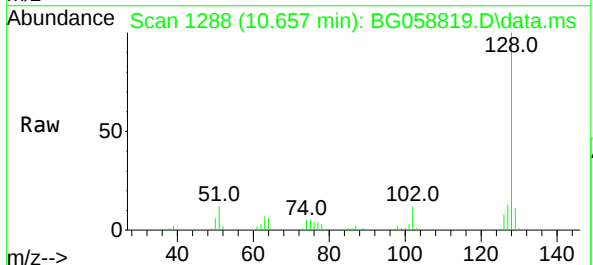
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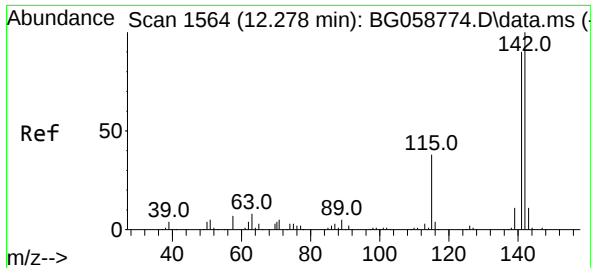
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#31
Naphthalene
Concen: 40.135 ng
RT: 10.657 min Scan# 1288
Delta R.T. -0.005 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Tgt Ion:128 Resp: 239062
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.1 10.6 15.8





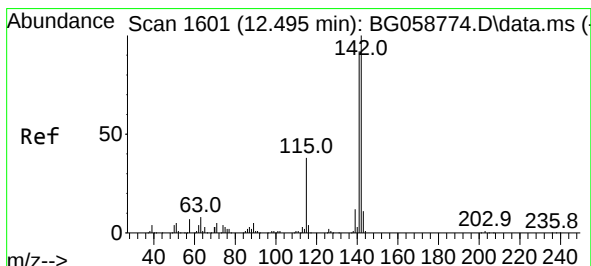
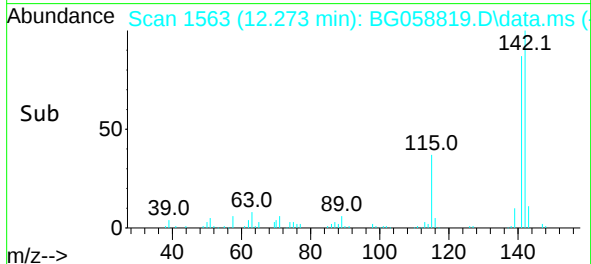
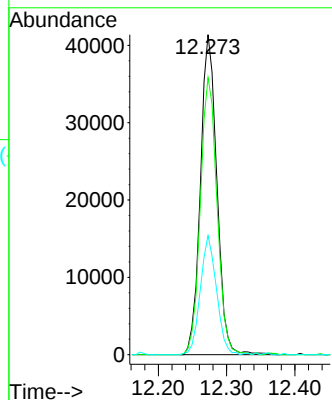
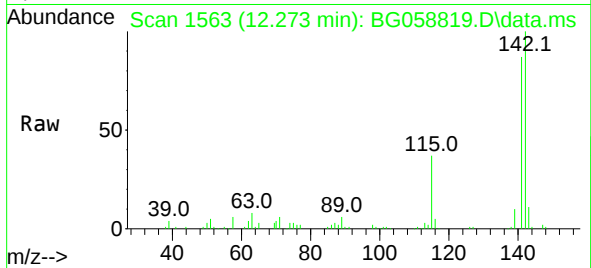
#37
2-Methylnaphthalene
Concen: 16.217 ng
RT: 12.273 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2

Tgt Ion:142 Resp: 6937
Ion Ratio Lower Upper
142 100
141 86.6 71.8 107.8
115 37.2 30.6 45.8

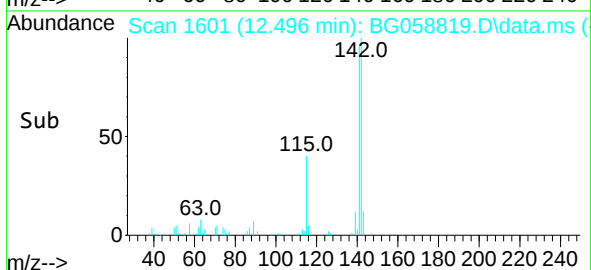
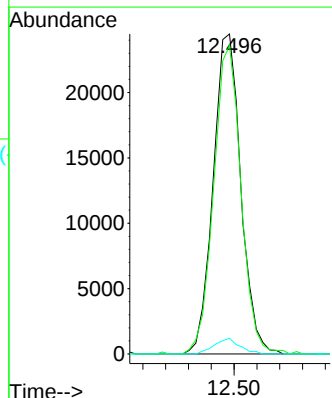
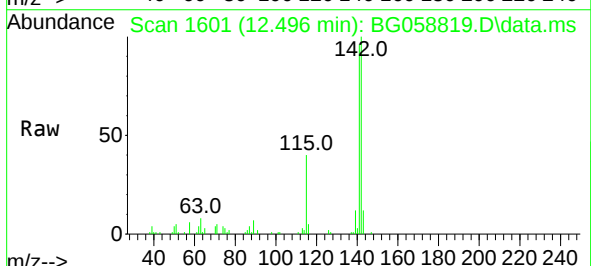
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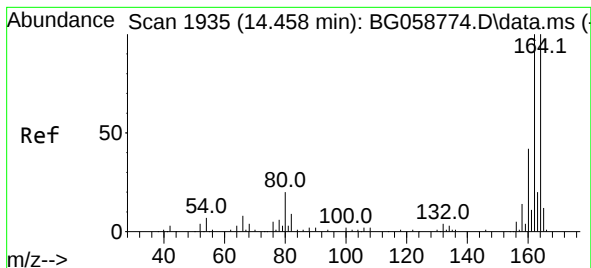
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#38
1-Methylnaphthalene
Concen: 10.123 ng m
RT: 12.496 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Tgt Ion:142 Resp: 41110
Ion Ratio Lower Upper
142 100
141 96.4 73.9 110.9
116 4.9 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.001 min

Lab File: BG058819.D

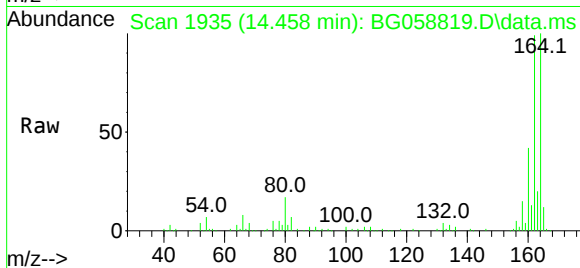
Acq: 23 Aug 2023 12:51

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB05-Z26-27DL2



Tgt Ion:164 Resp: 88160

Ion Ratio Lower Upper

164 100

162 99.4 79.6 119.4

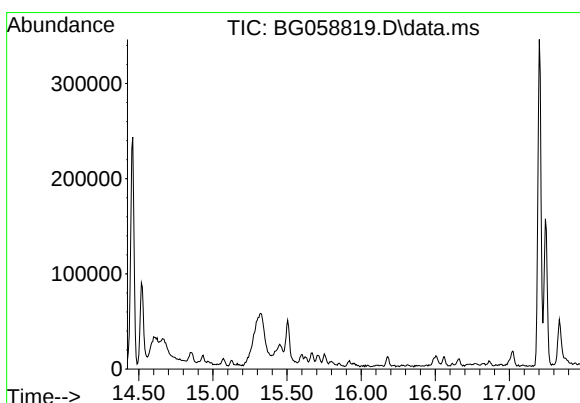
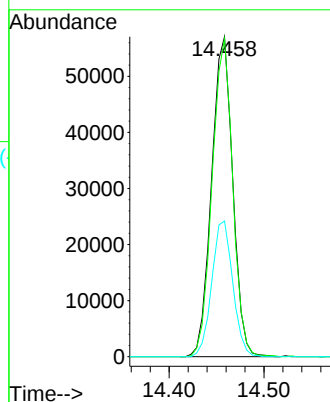
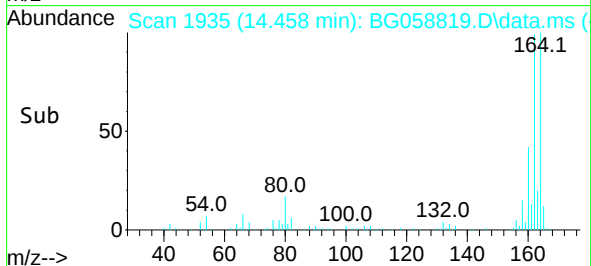
160 42.4 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.95 min

Lab File: BG058819.D

Acq: 23 Aug 2023 12:51

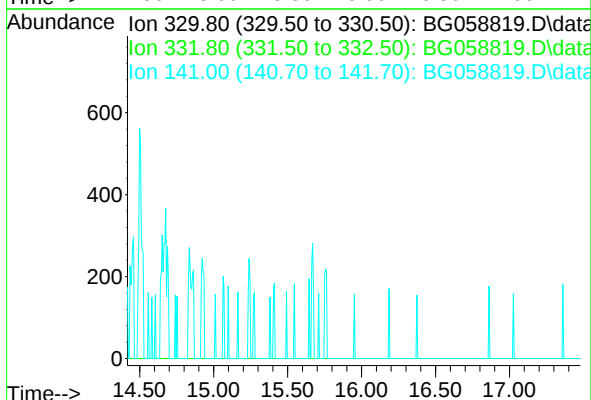
Tgt Ion: 330

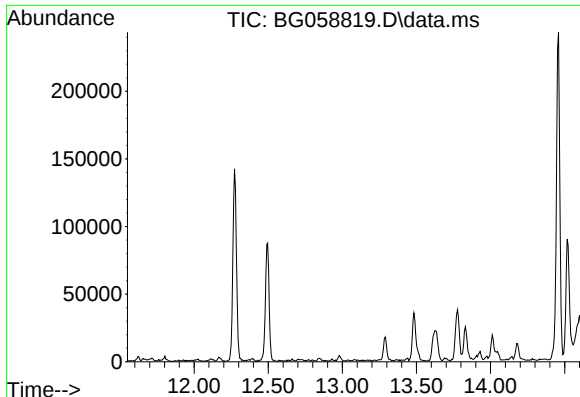
Sig Exp Ratio

330 100

332 98.1

141 28.8





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.08 min

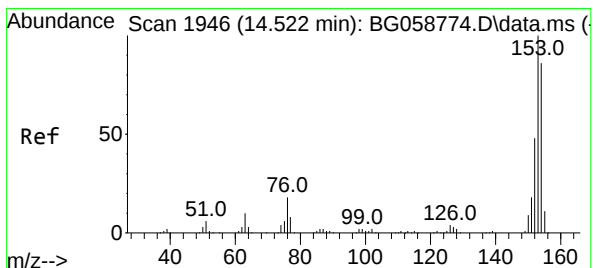
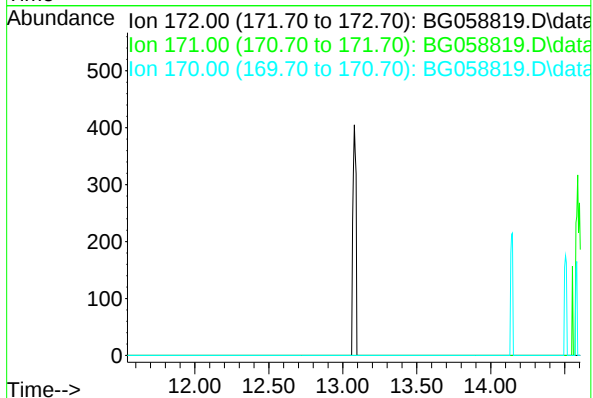
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2

Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.2

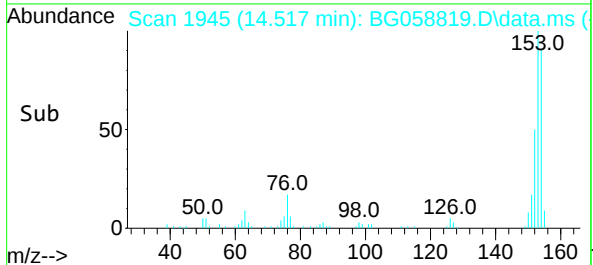
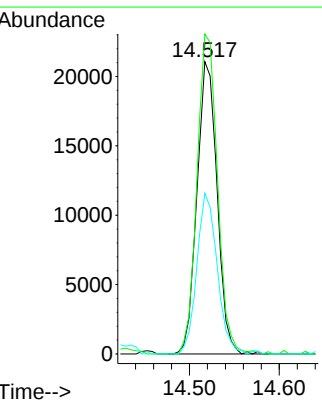
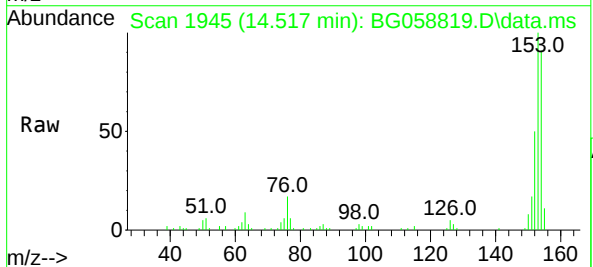
Manual Integrations
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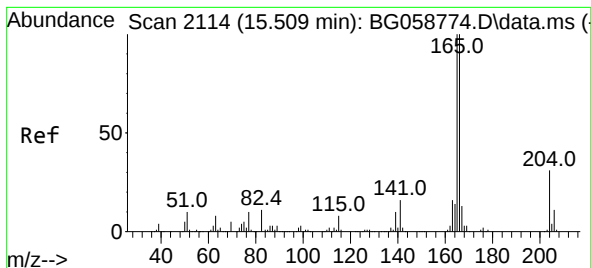
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 7.150 ng
RT: 14.517 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

Tgt Ion:154 Resp: 32795
Ion Ratio Lower Upper
154 100
153 109.5 92.7 139.1
152 55.0 44.2 66.2





#58

Fluorene

Concen: 2.951 ng

RT: 15.504 min Scan# 2114

Delta R.T. -0.005 min

Lab File: BG058819.D

Acq: 23 Aug 2023 12:51

Instrument :

BNA_G

ClientSampleId :

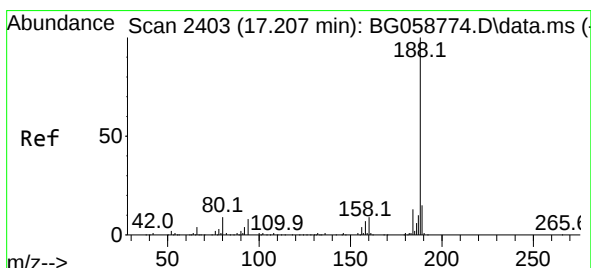
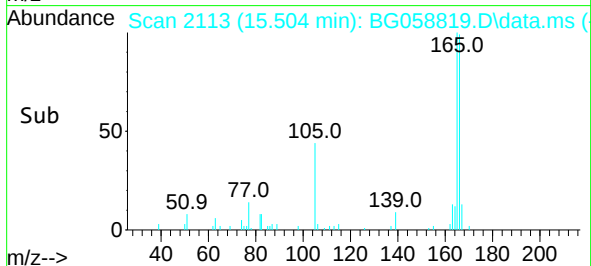
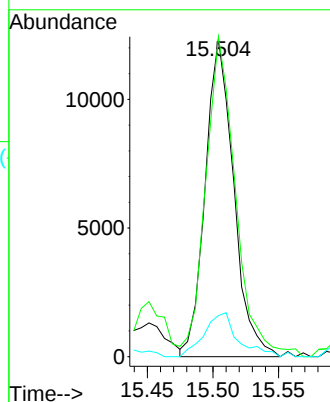
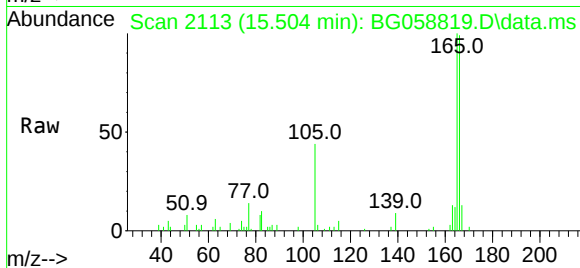
NEVINS-SB05-Z26-27DL2

Tgt Ion:166 Resp: 1858
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.9 119.9
 167 12.9 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

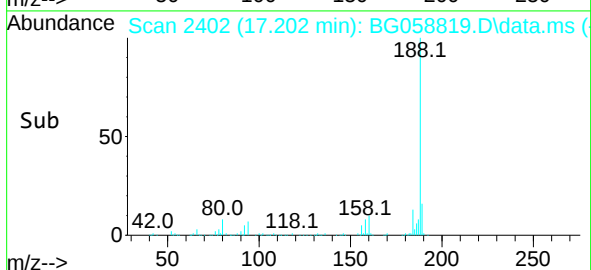
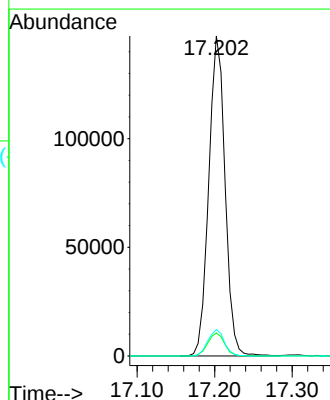
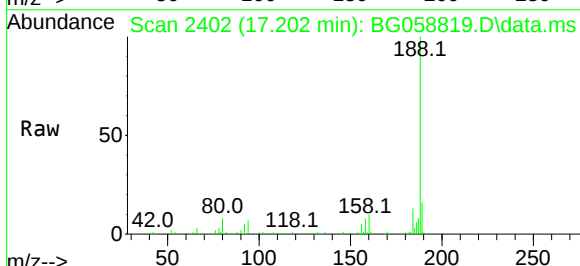
RT: 17.202 min Scan# 2402

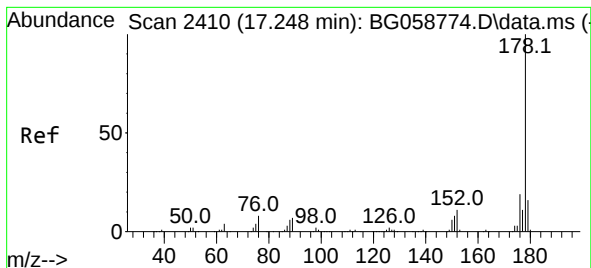
Delta R.T. -0.005 min

Lab File: BG058819.D

Acq: 23 Aug 2023 12:51

Tgt Ion:188 Resp: 215362
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.1 9.1
 80 8.3 6.9 10.3





#71

Phenanthrene

Concen: 9.227 ng

RT: 17.243 min Scan# 2409

Delta R.T. -0.005 min

Lab File: BG058819.D

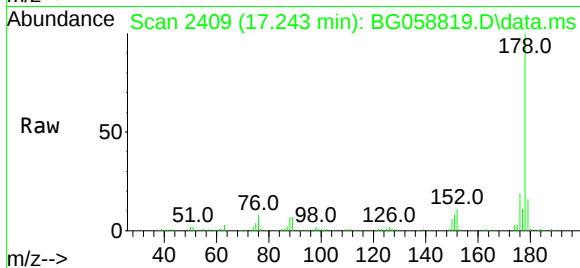
Acq: 23 Aug 2023 12:51

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB05-Z26-27DL2



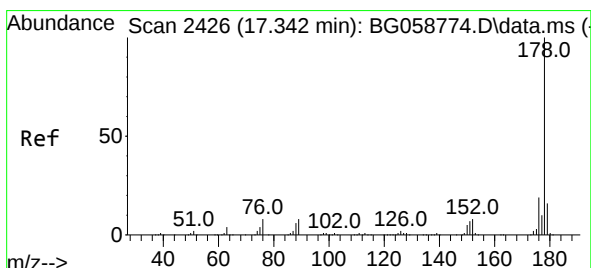
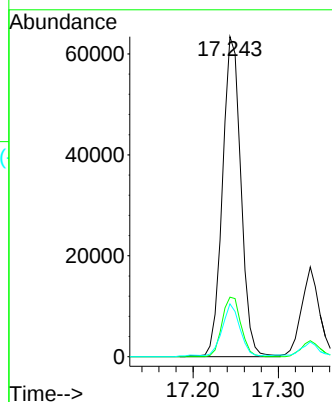
Tgt Ion:	178	Resp:	9539
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.5	23.3
179	16.5	13.0	19.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#72

Anthracene

Concen: 2.416 ng

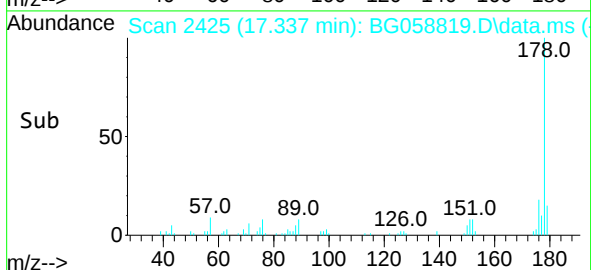
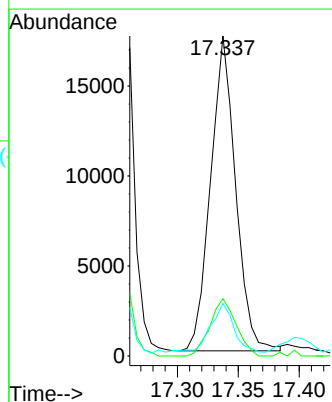
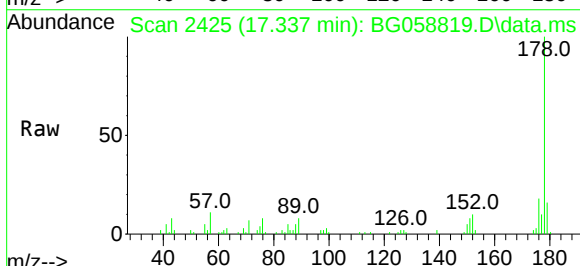
RT: 17.337 min Scan# 2425

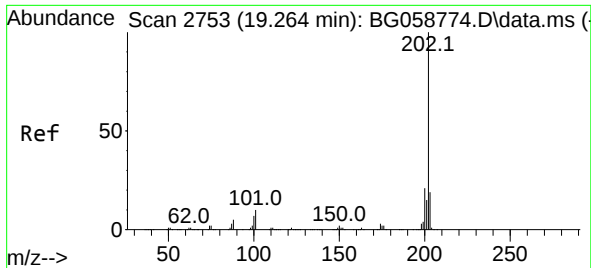
Delta R.T. -0.005 min

Lab File: BG058819.D

Acq: 23 Aug 2023 12:51

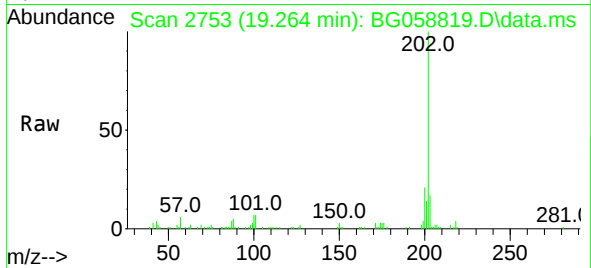
Tgt Ion:	178	Resp:	25050
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.2
179	16.4	12.9	19.3





#75
Fluoranthene
Concen: 3.050 ng
RT: 19.264 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

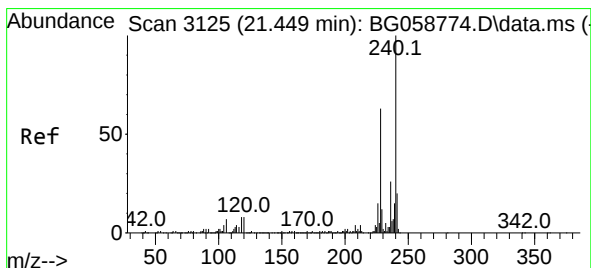
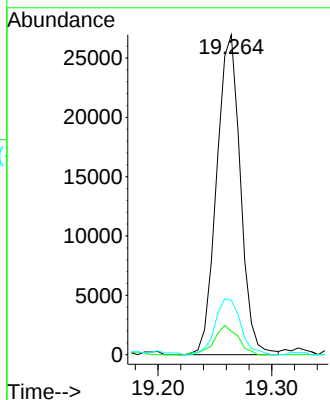
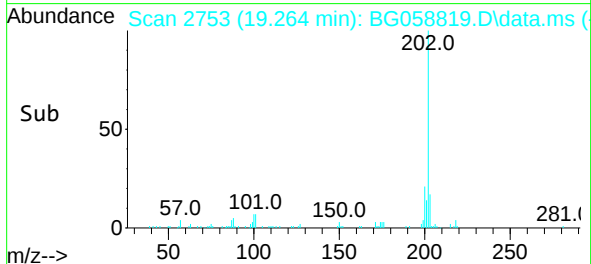
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2



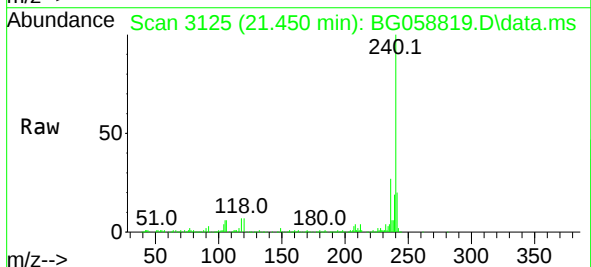
Tgt Ion:202 Resp: 3910
Ion Ratio Lower Upper
202 100
101 7.3 0.0 29.7
203 17.0 0.0 38.7

Manual Integrations
APPROVED

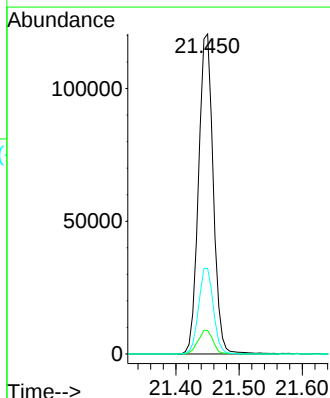
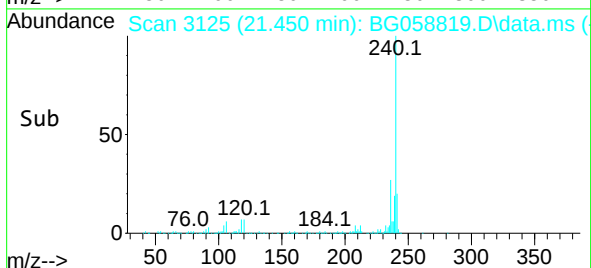
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

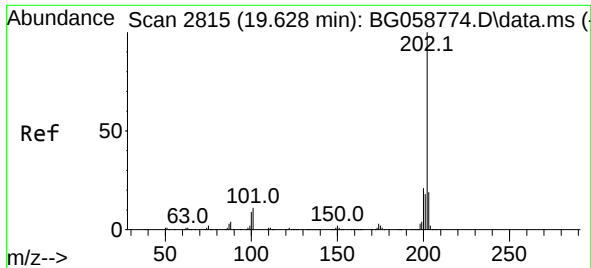


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51



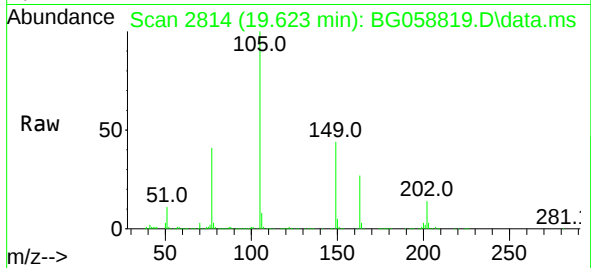
Tgt Ion:240 Resp: 194303
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 26.7 20.5 30.7





#78
Pyrene
Concen: 4.008 ng
RT: 19.623 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

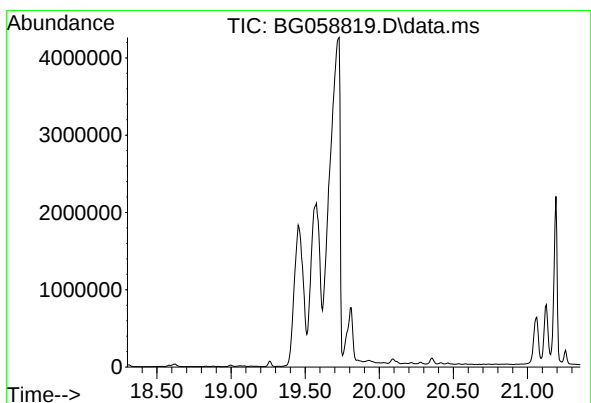
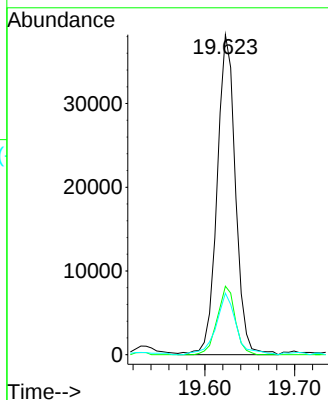
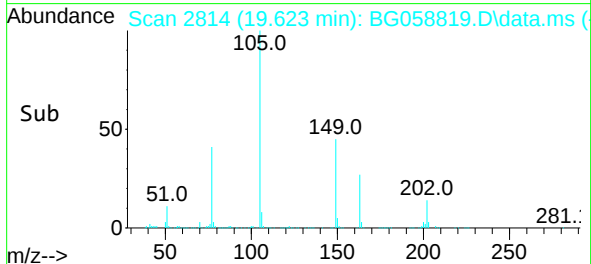
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB05-Z26-27DL2



Tgt Ion: 202 Resp: 5425
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 19.2 15.3 22.9

Manual Integrations
APPROVED

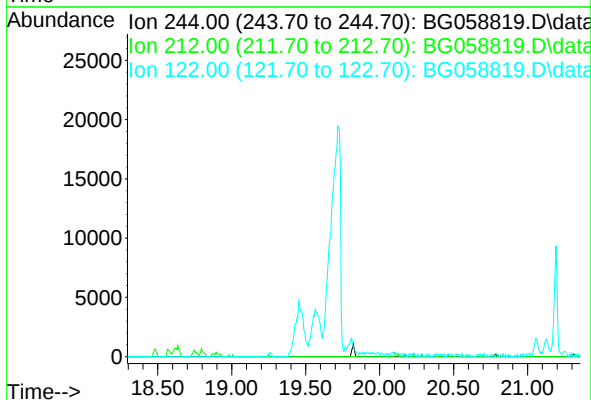
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

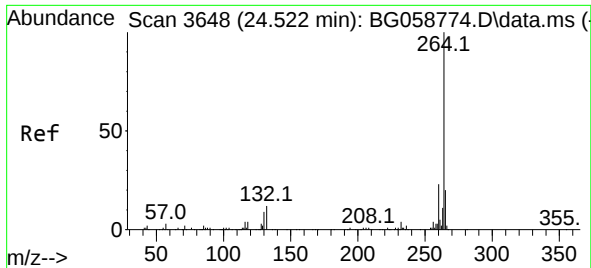


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.83 min

Lab File: BG058819.D
Acq: 23 Aug 2023 12:51

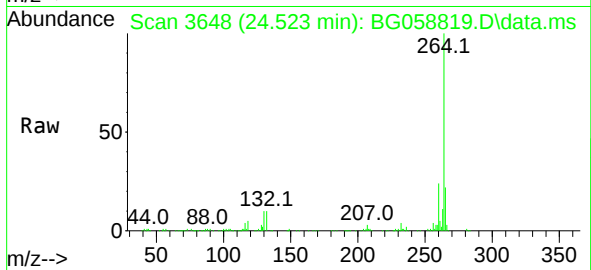
Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.7
122 7.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG058819.D
 Acq: 23 Aug 2023 12:51

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB05-Z26-27DL2



Tgt Ion:264 Resp: 24458
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.7 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

